

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 22, 2004
Reply to Office Action dated December 24, 2003

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A wireless computer system comprising:

a base storage and control system including:

~~an arrangement for a processor, receiving and~~
using an input signal in real-time, the input signal being for use in interacting with an application program being executable at the base storage and control system,

~~an arrangement for providing a non-volatile~~
memory storage of information,

~~an arrangement for providing a display element~~
producing an output signal based on the input signal and
execution of the application program, said output signal being
produced in bursts, with delays between the bursts, during which
delays, no information is transmitted, and

~~an arrangement for wirelessly receiving the input~~
~~signal and for a wireless transceiver that wirelessly~~
communicatinges the display output signal in real time when
produced;

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 23, 2004
Reply to Office Action dated December 24, 2003

at least one portable input-output system for use with the base storage and control system, the portable input-output system including:

~~an arrangement for a wireless transceiver, which~~
wirelessly communicates the input signal to the base storage and control system and ~~for~~ wirelessly receives the display output signal from the base storage and control system in real-time,

a [[an]] a user interface, allowing arrangement for
inputting an information item and ~~for~~ generating the an input signal corresponding to the information item, the input signal being wirelessly communicable in real-time to the base storage and control system ~~for use in providing interactive and real-time operation of~~ to interact with the application program being executable at the base storage and control system, and

an arrangement for providing a continuously-
displayed full screen display ~~by directly~~ using the display output signal received in bursts to generate a portion of the full screen display corresponding to the display output signal,
~~wherein the application program is operable in real time in the base storage and control system in essentially the same way that the application program is operable in a computer having a~~

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 22, 2004
Reply to Office Action dated December 24, 2003

~~display and a keyboard, the display and the keyboard being
coupled by wires to the computer.~~

A
2. (Currently amended) The wireless computer system of claim 1, wherein at least one of a radio frequency signal and an electromagnetic frequency signal is used as a communication signal by said wireless transceivers, ~~the communication signal containing at least one of the input signal and the output display signal and being communicable by at least one of the arrangement for wirelessly receiving the input signal and for wirelessly communicating the display output signal and the arrangement for wirelessly communicating the input signal to the base storage and control system and for wirelessly receiving the display output signal.~~

3. (Original) The wireless computer system of claim 2, wherein:

the communication signal has a wavelength longer than an infrared signal wavelength, and

the communication signal includes at least one of a modulated signal, an amplitude modulated signal, a frequency modulated signal, and a spread spectrum modulated signal.

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 22, 2004
Reply to Office Action dated December 24, 2003

4. (Original) The wireless computer system of claim 1, wherein the output display signal includes at least one of a video signal, a video synchronizing signal, a horizontal video synchronizing signal, a vertical video synchronizing signal, a composite video signal, a video and synchronizing signal, and an RGB signal.

a 5. (Original) The wireless computer system of claim 1, wherein the input signal is a keyboard signal.

6. (Original) The wireless computer system of claim 1, wherein:

the input signal is a keyboard signal and the output display signal includes at least one of a video signal, a video synchronizing signal, a horizontal video synchronizing signal, a vertical video synchronizing signal, a composite video signal, a video and synchronizing signal, and an RGB signal.

7. (Original) The wireless computer system of claim 1, wherein at least the input signal is an asynchronous signal.

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 22, 2004
Reply to Office Action dated December 24, 2003

8. (Currently amended) The wireless computer system of claim 1, wherein ~~at least one of the arrangement for wirelessly receiving the input signal and for wirelessly communicating the display output signal and the arrangement for wirelessly communicating the input signal to the base storage and control system and for wirelessly receiving the display output signal~~ includes, said wireless transceivers each include:

an antenna;

A an arrangement for demodulating a communicated signal corresponding to at least one of the input signal and the output display signal; and

an arrangement for modulating at least one of the input signal and the output display signal.

9. (Currently amended) The wireless computer system of claim 8, wherein ~~at least one of the arrangement for wirelessly receiving the input signal and for wirelessly communicating the display output signal and the arrangement for wirelessly communicating the input signal to the base storage and control system and for wirelessly receiving the display output signal~~ includes, said wireless transceivers each include a directional coupler, the directional coupler being coupled to the antenna,

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 22, 2004
Reply to Office Action dated December 24, 2003

~~the arrangement for demodulating and the arrangement for
modulating.~~

10-16. (Cancelled)

a 17. (Currently amended) The wireless computer system of
claim [[16]] 1, wherein for an existing full screen display at
the at least one portable input-output, the ~~base storage and
control system~~ burst provides new graphics information for a
changed portion of the existing full screen display.

18-20. (Cancelled)

21. (Currently amended) A wireless computer system
comprising:

- a) a base storage and control system including:
 - means for receiving and using an input signal in real-time, the input signal being for use in interacting with an application program being executable at the base storage and control system,
 - means for providing non-volatile storage of information,

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 22, 2004
Reply to Office Action dated December 24, 2003

means for providing a display output signal based on the input signal and execution of the application program, said output signal being produced in bursts, with delays between the bursts, during which delays, no information is transmitted, and

means for wirelessly receiving the input signal and for wirelessly communicating the display output signal ~~in real-time~~;

a) b) at least one portable input-output system for use with the base storage and control system, the portable input-output system including:

means for wirelessly communicating the input signal to the base storage and control system and for wirelessly receiving the display output signal from the base storage and control system ~~in real-time~~,

means for inputting an information item and for generating the input signal corresponding to the information item, the input signal being wirelessly communicable ~~in real-time~~ to the base storage and control system ~~for use in providing interactive and real-time operation of~~ to interact with the application program being that is executable at the base storage and control system, and

means for providing a full screen display by directly using the display output signal to generate a portion

Attorney Docket No. 07326-002002
Application No. 09/994,521
Amendment dated April 22, 2004
Reply to Office Action dated December 24, 2003

of the full screen display corresponding to the display output
signal

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~~wherein the application program is operable in real time in
the base storage and control system in essentially the same way
that the application program is operable in a computer having a
display and a keyboard, the display and the keyboard being
coupled by wires to the computer.~~

22-23. (Cancelled)